

CECOM

MODIFICATION PROGRAM REVIEW

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MODIFICATION PROGRAM REVIEW

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MODIFICATION PROGRAM REVIEW

SYSTEM: C-10604(v)6/ARC-186

TITLE OF MWO: Modification of Radio Set Control

MWO NUMBER: 11-5821-318-30-2

PURPOSE: The purpose of this modification is to disconnect the existing panel lighting on Radio Set Control C-10604(v)6/ARC-186 and replace the existing front panel and other panel components with a new panel and new components designed in accordance with the requirements of the ANVIS Lighting Program.

KIT AVAILABILITY: On Hand

METHOD OF APPLICATION: Direct Support

MANHOURS PER APPLICATION: 5 Hrs. DOWNTIME: 5 Hrs.

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
97	250	0	100	100
98	250	100	100	
99	250			

POC: PAT VITRONE, AMSEL-LC-LEO, DSN 992-1620

MODIFICATION PROGRAM REVIEW

SYSTEM: AN/TPQ-36(v)7

TITLE OF MWO: Modification of Radar Set

MWO NUMBER: 11-5840-354-50-2

PURPOSE: This modification covers the reconfiguration of the AN/TPQ-36(V)7 Radar Set. The reconfigured Radar Set will provide improved operation, performance, and maintainability with the substitution of a new Operations Central OK-398(V)5/TPQ (Shelter), and modification of the Antenna Transceiver Group (ATG), Generator Power Group (GPG), and Equipment Trailer Group (ETG).

KIT AVAILABILITY: On Hand

METHOD OF APPLICATION: Depot Installation Team

MANHOURS PER APPLICATION: 120 HRS DOWNTIME: 120 HRS

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
98	27	0	7	
99	27			

POC: PAT VITRONE, AMSEL-LC-LEO, DSN 992-1620

MODIFICATION PROGRAM REVIEW

SYSTEM: AN/TTC-39D, AN/TTC-46
AN/TTC-47, AN/TTC-50

TITLE OF MWO:

MWO NUMBER: 11-5805-778-55-2 11-5805-766-55-2
11-5805-765-55-2 11-5805-786-55-3

PURPOSE: This modification, Enhanced Switch Operations Program (ESOP) improves the ability of the Signal Corps to quickly establish communications links by improving two basic features of switch operations, man-machine interface and systems diagnostics. The first feature improves the man-machine interface by using menu driven x-windows based technology and the elimination of duplicate inputs. The second feature will provide new system diagnostics which will greatly improve the operator's ability to quickly identify a problem and correct it in a timely manner.

KIT AVAILABILITY: On Hand

METHOD OF APPLICATION: Contractor Installation Team

MANHOURS PER APPLICATION: 80 HRS DOWNTIME: 80 HRS

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
97	64	0	28	28
98	64	28	30	
99	64			

POC: PAT VITRONE, AMSEL-LC-LEO, DSN 992-1620

MODIFICATION PROGRAM REVIEW

SYSTEM: AN/TSQ-138

TITLE OF MWO: Master Control Set, Trailblazer

MWO NUMBER: 32-5895-500-50-1

PURPOSE: This Modification Work Order (MWO) provides the procedures and instructions to upgrade the Master Contro Set AN/TSQ-138 (TRAILBLAZER) Mission Management Subsystem (MMS) and Direction Finding (DF) capability. The upgrade is a Technical Insertion to integrate commercial electronic equipment with the existing electronic equipment and modify the Master Control Group (MCS), OA-9159/TSQ-138.

KIT AVAILABILITY: On Hand

METHOD OF APPLICATION: Contractor Installation Team

MANHOURS PER APPLICATION: 170 HRS DOWNTIME: 40 HRS

CLASSIFICATION: ROUTINE

		APPL	PLAN	APPL
	TOTAL	PRIOR	CURR	CURR
FY	REQD	YEAR	YEAR	YEAR
98	40	0	20	
99	40			

POC: PAT VITRONE, AMSEL-LC-LEO, DSN 992-1620

MODIFICATION PROGRAM REVIEW

SYSTEM: AN/TRC-173, AN/TRC-173A, AN/TRC-174, AN/TRC-174A,
AN/TRC-175, AN/TRC-175A, AN/TRC-138A, AN/TRC-138B

TITLE OF MWO: Highly Mobile Digital
Group Multiplexer

MWO NUMBER:	11-5820-865-55-1	11-5820-931-55-1
	11-5820-1090-55-1	11-5820-1088-55-1
	11-5820-864-55-1	11-5820-926-55-1
	11-5820-1089-55-1	11-5820-1094-55-1

PURPOSE: This change provides for the addition of new components, deletion of existing components, integration of radio terminal components into a new High Mobility Digital Group Multiplexer (DGM) Assemblage (HMDA), and the integration of the new assemblage onto an M-1113 Expanded Capacity Vehicle (ECV).

KIT AVAILABILITY: On Hand

METHOD OF APPLICATION: Contractor Installation Team

MANHOURS PER APPLICATION: 16 HRS **DOWNTIME:** 16 HRS

CLASSIFICATION: ROUTINE

	TOTAL	APPL PRIOR	PLAN CURR	APPL CURR
FY	REQD	YEAR	YEAR	YEAR
98	22	0	12	
99	22			

POC: PAT VITRONE, AMSEL-LC-LEO, DSN 992-1620

MODIFICATION PROGRAM REVIEW

SYSTEM: ID-2192/ARN-124

TITLE OF MWO: Modification of Control Indicator
ID-2192/ARN-124 for Anvis Lighting

MWO NUMBER: 11-5841-300-30-1

PURPOSE: Adds an Anvis Compatible Lighting Panel
Assembly

KIT AVAILABILITY: On Hand

METHOD OF APPLICATION: Direct Support

MANHOURS PER APPLICATION: 2 HRS DOWNTIME: 2 HRS

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
96	100	0	35	35
97	100	35	50	50
98	100	85	15	

POC: PAT VITRONE, AMSEL-LC-LEO, DSN 992-1620

MODIFICATION PROGRAM REVIEW

SYSTEM: AN/PSN-11

TITLE OF MWO: Modification of the AN/PSN-11,
AN/PSN-11(v)1 Precision Lightweight
GPS Receiver (PLGR) Software

MWO NUMBER: 11-5825-291-30-1

PURPOSE: To upgrade all PLGRs having (PIN 822-0077-002)
to Software version 613-9854-001 and to upgrade all PLGRs
having (PIN 822-0077-103) to Software version 613-9544-0

KIT AVAILABILITY: On Hand

METHOD OF APPLICATION: Application to be determined

MANHOURS PER APPLICATION: 10 HRS **DOWNTIME:** 10 HRS

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
96	2700	0	400	400
97	2700	400	2000	2000
98	2700	2400	300	

POC: PAT VITRONE, AMSEL-LC-LEO, DSN 992-1620

MODIFICATION PROGRAM REVIEW

SYSTEM: BGP-4

TITLE OF MWO: Modification of Communications
Gateway T-20

MWO NUMBER: 11-5805-766-30-1

PURPOSE: To provide instructions for replacing the
B14CCA in the T/20 gateway with a B15CCA

KIT AVAILABILITY: On Hand

METHOD OF APPLICATION: Direct Support

MANHOURS PER APPLICATION: 1 HR DOWNTIME: 1 HR

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
96	300	0	200	50
97	300	50	200	200
98	300	250	50	

POC: PAT VITRONE, AMSEL-LC-LEO, DSN 992-1620

MODIFICATION PROGRAM REVIEW

SYSTEM: CV-4180(v)1/T thru CV4180(v)4/T
CV-4180A(v)1/T thru CV4180A(v)3/T

TITLE OF MWO: Modification of Line Termination Units

MWO NUMBER: 11-5805-783-55-1

PURPOSE: This change incorporates the interface, Tactical TRI-TAC/MSE switching matrices to Commercial switching in a digital format. In order to increase interoperability with strategic and commercial systems, multinational forces, T1 (1.544 MBPS.24 digital channels) and E1(2.048 MBPS.30 digital channels), interfaces are needed for all tactical tandem switches. T1 and E1 interface capabilities will provide digital interfaces to commercial and DSN networks, thereby eliminating multiple analog to digital conversions resulting in improved performance.

KIT AVAILABILITY: On Hand

METHOD OF APPLICATION: Contractor Installation Team

MANHOURS PER APPLICATION: 8 HRS **DOWNTIME:** 8 HRS

CLASSIFICATION: ROUTINE

	TOTAL	APPL PRIOR	PLAN CURR	APPL CURR
FY	REQD	YEAR	YEAR	YEAR
97	170	0	8	8
98	170	8	162	

POC: PAT VITRONE, AMSEL-LC-LEO, DSN 992-1620

MODIFICATION PROGRAM REVIEW

SYSTEM: AN/TSW-7A

TITLE OF MWO: Installation of the AN/PSN-11,
Satellite Navigation Set on the
AH/TSW Air Traffic Control Tower

MWO NUMBER: 11-5895-801-50-1

PURPOSE: The purpose of this modification is to
install the AN/PSN-11 Satellite Signal Navigation Set
in the AN/TSW-7A, Air Traffic Control Central.

KIT AVAILABILITY: On Hand

METHOD OF APPLICATION: Contractor Installation Teams

MANHOURS PER APPLICATION: 34 HRS DOWNTIME: 00 HRS

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
97	31	0	28	28
98	31	28	3	

POC: PAT VITRONE, AMSEL-LC-LEO, DSN 992-1620

MODIFICATION PROGRAM REVIEW

SYSTEM: AN/GSC-52

TITLE OF MWO: Modification of Unit 15, Part of
Satellite Communications Terminals

MWO NUMBER: 11-5895-1196-55-1
11-5895-1197-55-1

PURPOSE: This modification upgrades the OU-159/G
Generator, Group Signal to provide a field
supportable HP 5071A with redundant switching
capability.

KIT AVAILABILITY: On Hand

METHOD OF APPLICATION: ISC, 504th Sig. Bn,
Fort Huachuca

MANHOURS PER APPLICATION: 40 HRS DOWNTIME: 40 HRS

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
96	39	0	30	10
97	39	30	8	8
98	39	38	1	

POC: PAT VITRONE, AMSEL-LC-LEO, DSN 992-1620

MODIFICATION PROGRAM REVIEW

SYSTEM: AN/TPQ-37(v)8

TITLE OF MWO: Modification of Radar Set AN/TPQ-37(v)6
and Trailer Flat Bed (Med) M1048A1

MWO NUMBER: 11-5840-355-55-1

PURPOSE: This is a reconfiguration into a Medium Tracked
Suspension System to improve the roll on/roll
off capability along with upgrading the
Antenna Transceiver Group Cooling System

KIT AVAILABILITY: 4th Qtr 96

METHOD OF APPLICATION: Depot Team

MANHOURS PER APPLICATION: 600 HRS DOWNTIME: 21 DAYS

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
96	27	0	20	0
97	27	20	6	6
98	27	26	1	

POC: PAT VITRONE, AMSEL-LC-LEO, DSN 992-1620

MODIFICATION PROGRAM REVIEW

SYSTEM: AN/FSC-96
AN/GSC-51(v)1,2,3,4,5

TITLE OF MWO: Modification of AN/FSC-96 and AN/GSC-51,
Satellite Network Control/Monitoring
Subsystem

MWO NUMBER: 11-5895-1358-55-3
11-5895-1357-55-1

PURPOSE: To upgrade all HP-600 and HP A-900 Digital
Computer Assys, by replacing the existing E-Prom
in the 8 Channel Mux Circuit Card Assy

KIT AVAILABILITY: On Hand

METHOD OF APPLICATION: Contractor, Field Service
Representative

MANHOURS PER APPLICATION: 1.5 HRS **DOWNTIME:** 1.5 HRS

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
96	220	0	180	0
97	220	180	39	39
98	220	219	1	

POC: PAT VITRONE, AMSEL-LC-LEO, DSN 992-1620

CECOM MODIFICATION PROGRAM

BRIEFER: MR PAT VITRONE

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